

EUROCODES: BACKGROUND AND APPLICATIONS

“Geotechnical Design” - Workshop with worked examples

Dublin, 13-14 June 2013

PROGRAMME

<i>Thursday, June 13</i>	
<i>Chairmen:</i>	<i>A. Pinto, J. Wickham, A. Bond</i>
<i>10:00 – 10:30</i>	<i>Welcome addresses and introduction</i> <i>J. Wickham, Ireland's Department of the Environment, Community and Local Government</i> <i>A. Pinto, DG JRC, European Commission</i> <i>A. Bond, Chairman TC250/SC7</i>
<i>10:30 – 11:00</i>	<i>Coffee break</i>
<i>Chairmen:</i>	<i>B. Schuppener</i>
<i>11:00 – 12:30</i>	<i>Basis of design : EN 1990 and EN 1997-1</i> <i>Worked examples: combination of actions</i> <i>A. Bond</i>
<i>12:30 – 13:30</i>	<i>Lunch break</i>
<i>Chairmen:</i>	<i>T. Orr</i>
<i>13:30 – 15:00</i>	<i>Shallow foundations: design of spread foundations</i> <i>Worked examples: footing design to DA1/2/2*/3</i> <i>G. Scarpelli</i>
<i>15:00 – 15:30</i>	<i>Coffee break</i>
<i>Chairmen:</i>	<i>B. Schuppener</i>
<i>15:30 – 17:00</i>	<i>Retaining structures I : design of gravity walls</i> <i>Worked examples – T-shaped wall to DA1/2/2*/3</i> <i>A. Bond</i>
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<i>Friday, June 14</i>	
<i>Chairmen:</i>	<i>A. Bond</i>
<i>09:00 – 10:30</i>	<i>Ground investigation and testing: EN 1997-2 Worked examples – selecting characteristic values</i> <i>B. Schuppener</i>
<i>10:30 – 11:00</i>	<i>Coffee break</i>
<i>Chairmen:</i>	<i>B. Schuppener</i>
<i>11:00 – 12:30</i>	<i>Slope stability and hydraulic failure: design of slopes and embankments, hydraulic failure</i> <i>Worked examples – HYD and UPL limit states</i> <i>T. Orr</i>
<i>12:30 – 13:30</i>	<i>Lunch break</i>
<i>Chairmen:</i>	<i>G. Scarpelli</i>
<i>13:30 – 15:00</i>	<i>Retaining structures II: design of embedded walls</i> <i>Worked examples – sheet pile wall with anchor</i> <i>A. Bond, G. Scarpelli</i>
<i>15:00 – 15:30</i>	<i>Coffee break</i>
<i>Chairmen:</i>	<i>A. Bond</i>
<i>15:30 – 17:00</i>	<i>Deep foundations: design of pile foundations - by testing and calculation</i> <i>Worked examples – pile design to DA1/2/2*/3</i> <i>T. Orr</i>
<i>Chairmen:</i>	<i>S. Dimova, A. Bond, B. Nikolova</i>
<i>17:00 – 17:30</i>	<i>Conclusions and closure</i> <i>DG JRC, European Commission</i>
